



# PGY-1 Pharmacy Residency

## Detailed Description of Residency





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- ❖ Adventist Health Glendale (AHGL), formerly known as Glendale Adventist Medical Center, is a 515-bed acute care, non-profit community hospital located in the heart of Glendale, CA.
- ❖ We are the largest hospital in the Adventist Health System.
- ❖ Our values include absolute integrity in all relationship and dealings as well as excellence in clinical care, medical technology and service quality.
- ❖ Our mission is living God's love by inspiring health, wholeness and hope



# PGY-1 Pharmacy Residency Program Overview



## Our PGY-1 Pharmacy Residency Purpose

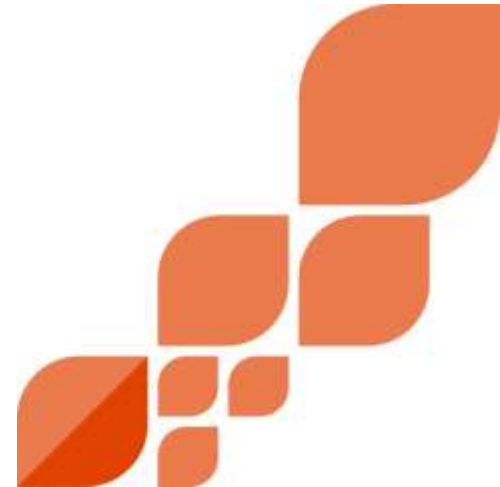
PGY-1 pharmacy residency programs build on Doctor of Pharmacy (Pharm.D.) education and outcomes to contribute to the development of clinical pharmacists responsible for medication-related care of patients with a wide range of conditions, eligible for board certification, and eligible for postgraduate year two (PGY-2) pharmacy residency training.

- ❖ Adventist Health Glendale's PGY-1 Pharmacy Residency is an **ASHP accredited program** designed to provide a solid foundation in acute patient care, pharmacy administration and professional leadership.
- ❖ The residency program helps pharmacy residents build the skills required for providing contemporary pharmaceutical care in a diverse population.
- ❖ Residents will gain experience in comprehensive pharmacy services and will be granted prescribing privileges under physician-driven protocols in various areas of inpatient care.
- ❖ Our residency program is tailored for the individual and emphasizes development of advanced pharmaceutical care skills.
- ❖ After orientation, residents will begin a series of 4-6 week rotation blocks as well as longitudinal learning experiences, designed to meet the goals and objectives of an ASHP-accredited, pharmacy residency program.
- ❖ Through our various rotations, residents gain the opportunity to explore the many facets of this profession while accumulating experience as new practitioners under the guidance of our preceptors and pharmacy team.



# General Information Regarding our PGY-1 Program

- ❖ Number of Positions: 5 (4 inpatient + 1 outpatient)
- ❖ Duration of Program: 1 year, full-time residency
- ❖ Starting Date: Mid to Late June
- ❖ Requirements: Application via PhORCAS and On-site interview
- ❖ Benefits
  - ❖ Competitive salary
  - ❖ Insurance benefits (health, dental, vision, life insurance)
  - ❖ Earned time accrual (paid leave)
  - ❖ Office space with laptop
  - ❖ Travel/CE stipend
- ❖ Unique Opportunities
  - ❖ Multidisciplinary practice
  - ❖ Collaborative practice with the Medical Residency Program
  - ❖ Preceptorship of pharmacy students
  - ❖ Teaching certificate
  - ❖ Interaction with faculty professors
  - ❖ CE accreditation opportunities
  - ❖ Rotating resident roles (*inpatient*): Chief, Operations, ASP, and Students
  - ❖ Attendance at various conference(s)

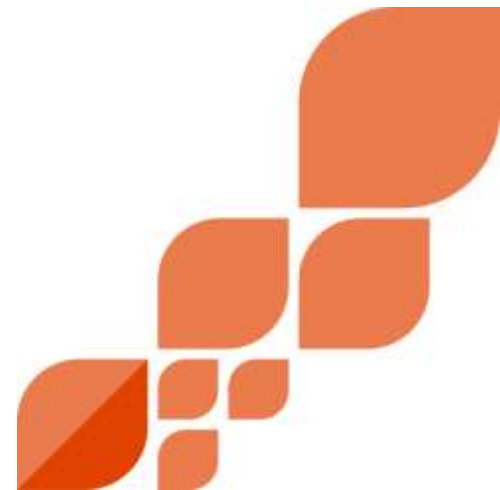


# AHGL Pharmacy Residency Team

- ❖ Pharmacy and Residency Director (inpatient): **Dr. Romic Eskandarian**
- ❖ Residency Director and Coordinator (outpatient): **Dr. Lusineh Keshishian**
- ❖ Clinical Coordinator: **Dr. Delia Duenas-Hernandez**
- ❖ Medication Safety Officer: **Dr. Lisa Gunther**
- ❖ Operations Managers: **Drs. Sergey Sarkisoff and Herarpy Markarian**
- ❖ Residency Coordinators (inpatient): **Drs. David Feng and Hemi Jung**
- ❖ Experiential Education Liaison: **Dr. Hemi Jung**

## AHGL Residency Preceptors

|                   |                        |                   |
|-------------------|------------------------|-------------------|
| Annette Bedford   | Avery Lew              | David Feng        |
| Jeannie Kim       | Hemi Jung              | Keitaro Kawaguchi |
| Sandra Shibuyama  | Delia Duenas-Hernandez | Lisa Gunther-Lum  |
| Romic Eskandarian | Lusineh Keshishian     | Sergey Sarkisoff  |
| Corbin Toogood    | Jane Lee               | Hermine Mkrtchyan |



# Timeline of Residency Process for AHGL

November-December 2020

Application Process: via ASHP PhORCAS

January 4, 2021

Deadline for AHGL

All applications must be submitted  
to PhORCAS by this date

February 2021

Due to COVID, we will be conducting virtual interviews this year

# Timeline of Residency Process for AHGL

March 19, 2021

Release of Phase I Match Results

April 14, 2021

Release of Phase II Match Results (if applicable)

June 2021

Start of Residency Program

# Introducing Our Current Residents:

*Left to Right*

Dr. Chanh Pham

Dr. Kenia Valenzuela

Dr. Michael Palaroan

Dr. Roberta Garibyan

Dr. Lena Mazmanyanyan





# Resident Responsibilities

## - Inpatient -





## What are Resident Responsibilities?

- ❖ Residents responsibilities are leadership roles
- ❖ Allows each resident to gain management and leadership skills while working with various departments in our hospital
- ❖ Rotate on quarterly basis
- ❖ Total of FOUR responsibilities

# Chief Resident

- **Role:** As the chief resident, you are the liaison between the residents and the leadership/management team. It is your responsibility to keep both sides updated and informed. You must maintain an open line of communication with your co-residents.
- **Responsibilities:**
  - Meeting Minutes: Pharmacy/Therapeutics/Drug/Blood (PTDB, also referred to as P&T) and P&T Newsletter
  - Medication Safety Newsletter: Editor
  - Monthly Chief Meeting with Coordinator(s)
  - Opioid Stewardship Committee responsibilities

# Operations

- **Role:** As the Operations resident, you are responsible to help maintain the efficiency of the inpatient pharmacy. You will work with the management team, particularly with the inpatient supervisors.
- **Responsibilities:**
  - Maintenance of Monitoring Forms
  - Maintenance of Digital Message Center
  - Maintenance of the Staffing Binders
  - Monthly Omnicell Expiration Audits
  - Narcotic Cycle Count on the 1<sup>st</sup> of the Month
  - Quarterly CIC Reports for Warfarin and BBIP patients



# Antimicrobial Stewardship Program

- **Role:** As the resident responsible for the Antimicrobial Stewardship Program (ASP) activities, you are the contact person responsible for preparing and reporting various ASP related actions.
- **Responsibilities:**
  - ASP Meeting Minutes
  - ASP Dashboards & Reporting
  - ASP CIC & A3 Reports
  - C. diff Task Force
  - Validation Tool Documentation



# Students

- **Role:** As the resident in charge of all pharmacy students, you are the liaison between the pharmacy students and the pharmacy staff, especially their preceptors. You will be working closely with the Experiential Education Liaison to ensure that the students gain the most out of their rotation here at Adventist Health Glendale.
- **Responsibilities:**
  - IPPE Orientation: Preparation and orientation of pharmacy students
  - APPE Orientation: Folder assembly for APPE students
  - Student Evaluations: Midpoint and final
  - Scheduling of student presentations





# Residency Rotations - Inpatient -



## Core Rotations:

- ❖ Orientation
- ❖ General Medicine (Family Practice)
- ❖ Critical Care
- ❖ Infectious Diseases
- ❖ Clinical Monitoring (Basal Bolus Insulin Program)
- ❖ Transition of Care (Emergency Department, Discharge Pharmacy, Satellite Dispensing Pharmacy)
- ❖ Ambulatory Care (Anticoagulation Clinic)
- ❖ IV and Sterile Compounding

# Orientation

- **Description:** Orientation rotation is at the beginning of the year where residents will be oriented to the hospital and pharmacy department.
  - Residents will gain familiarity with the hospital's policies and procedures, pharmacy operations, and transition into the residency program.
  - Throughout the rotation, residents will complete orientation and training set forth by the hospital and pharmacy department, shadow technicians, and begin training on Cerner.
  - The new residents will also meet with the current residents to transition responsibilities and have the opportunity to ask any questions regarding the program.
  - By the end of the rotation, residents will meet with the Residency Program Director and Coordinator to discuss the Project and Research Management longitudinal learning experience.
- **Duration:** 5 weeks
- **Preceptors:** Drs. David Feng and Hemi Jung

# General Medicine (Family Practice)

- Description: General Medicine, also known as Family Medicine Service (FMS), will provide residents the opportunity to work closely with our Family Medicine team.
  - Our residents will represent pharmacy in this multidisciplinary team composed of medical residents, interns, medical students, and attending physicians.
  - Pharmacy residents will monitor each patient on Family Medicine Service and provide recommendations to optimize patient care.
  - Residents will attend daily morning rounds with the team to review each patient before assessing them on the floors.
  - Residents will also have separate daily pharmacy rounds with the rotation preceptor.
  - Residents will be expected to competently manage each patient, provide recommendations, educate the medical residents on various topics, and become the main source of drug information to the family medicine team.
- Duration: 6 weeks
- Preceptors: Drs. Delia Duenas-Hernandez and Hemi Jung

# Critical Care

- Description: The Critical Care rotation will provide intense training in the management of critically ill patients & expose residents to our Intensive Care Units (ICU), Cardiac ICU (CICU), and Surgical ICU (SICU).
  - Residents will attend daily rounds with our multidisciplinary team comprised of our intensivists, nurses, dietitians, and other healthcare providers.
  - Residents will develop skills in working up and presenting pertinent patient information to monitor a patient's drug therapy and clinical course.
  - Residents will learn to gather information and apply evidence/protocol-based knowledge when making all recommendations.
  - Residents will be responsible for monitoring and managing patients, documenting clinical activities, and precepting pharmacy students.
  - Residents will also play an integral part in our antimicrobial stewardship program and strengthen their knowledge in infectious diseases alongside critical care.
- Duration: 3 + 4 weeks (Total 7 weeks)
- Preceptors: Drs. Hemi Jung and Annette Bedford

# Infectious Disease

- Description: Infectious Disease (ID) rotation will introduce residents to complex and interesting infectious disease states, while strengthening their understanding of medications used to treat such conditions.
  - Residents will monitor all patients on antimicrobial therapy and critically analyze their respective medication plans.
  - Alongside the preceptor(s), residents will review and recommend changes to patient's antimicrobial regimens in order to ensure optimal and appropriate care.
  - Residents will work closely with our infectious disease physicians by staying in constant communication and attending ID rounds (in person or via phone).
  - Residents will play a crucial role in our Antibiotic Stewardship Program (ASP).
  - Residents will also learn PK/PD as it pertains to dosing antimicrobial agents
- Duration: 3 + 4 weeks (Total 7 weeks)
- Preceptors: Drs. Annette Bedford, David Feng, Hemi Jung

# Critical Care and Infectious Disease

Critical Care and Infectious Diseases is separated into a 3 + 4 week rotation to ensure proficient training of all clinical pharmacy.

|           | Critical Care   | Infectious Disease  |
|-----------|---|---|
| Weeks 1-3 | <ul style="list-style-type: none"><li>Emphasis on the introduction and initial training of the residents as they learn all our hospital protocols and apply them to practice.</li></ul> |   |
| Weeks 4-7 | <ul style="list-style-type: none"><li>Residents will demonstrate competence in performing assessments for nutritional support</li></ul>   | <ul style="list-style-type: none"><li>Residents will demonstrate competence in PK/PD of antibiotics (namely vancomycin and aminoglycosides)</li></ul> |

# Clinical Monitoring (formerly known as BBIP)

- Description: The Clinical Monitoring rotation (previously known as the Basal Bolus Insulin Program), will provide the unique opportunity to manage insulin regimens under a physician-approved protocol granting our pharmacists prescribing capabilities as well as training in anticoagulation dosing protocols.
  - Residents will gain a thorough understanding of our BBIP protocol, the different types of insulins used to manage hyperglycemia, and various contributing factors affecting glycemic control.
  - Residents will work closely with the preceptor(s) to determine optimal insulin regimens for all patients enrolled in our BBIP clinical service.
  - Residents are expected to analyze patients and their insulin regimens based on medical history, dietary status, corticosteroid use, etc., and monitor on a daily basis to ensure patients reach targeted glycemic goal.
  - Residents will also learn to dose anticoagulation in an inpatient setting.
  - Residents will also play an important role in implementing various pharmacy protocols encompassed within this shift, including IV to PO Conversion.
- Duration: 6 weeks
- Preceptors: Drs. Keitaro Kawaguchi and Hermine Mkrtchyan

Residency  
Rotations: Core

# Transition of Care

- **Description:** There are 3 components to our Transition of Care rotation
  - **Emergency Medicine:** This rotation aims to expose residents to different emergency disease states and their management. During this rotation, residents will be involved in direct patient care as they interact, interview, and update home medication lists and medication allergies.
  - **Discharge Pharmacy:** Clinical service serving as the bridge between inpatient and outpatient care. During this rotation, residents will have the opportunity to work collaboratively with other healthcare professionals to verify completeness of the discharge medication reconciliation and ensure optimal patient care.
  - **Satellite Dispensing Pharmacy:** Designed to teach residents to independently manage an outpatient pharmacy through our outpatient SMD pharmacy. This rotation will train the residents to complete continuity of care and providing medications & counselling to patients prior to leaving the hospital (“Meds to Bed” service) and following up with post-discharge calls.
- **Duration:** 6 weeks (2 weeks per component)
- **Preceptors:**
  - Emergency Medicine: Drs. Jane Lee and Jeannie Kim
  - Discharge Pharmacy: Drs. Jeannie Kim and Keitaro Kawaguchi
  - Satellite Dispensing Pharmacy: Dr. Lusineh Keshishian

# Ambulatory Care: Anticoagulation Clinic

- Description: This rotation will train residents to independently and competently work as an ambulatory care pharmacist in the setting of our anticoagulation clinic open Monday, Wednesday, and Friday.
  - Residents will work closely with our ambulatory care pharmacists to manage patients on warfarin.
  - Residents will interview and interact with patients during this hands-on clinical rotation.
  - Residents are expected to interpret patient's INRs, extrapolate patient information, and formulate a weekly warfarin regimen. Under a physician-approved protocol, residents will have the ability to dose, adjust regimens, and order labs.
  - Throughout this learning experience, residents will have the opportunity to educate new warfarin patients who are referred to our clinic.
- Duration: 4 weeks
- Preceptors: Dr. Sandra Shibuyama

# IV and Sterile Compounding

- Description: The Intravenous (IV) and Sterile Compounding rotation will be for 3 weeks and every Tuesday/Thursday during the Anticoagulation Clinic rotation where residents will learn to manage our sterile IV compounding room and gain experience in parenteral medications utilized in our hospital.
  - Residents will be trained on all the responsibilities of an IV room pharmacist, including monitoring and adjusting heparin, assessing epoetin alfa, and entering orders for our outpatient infusion center.
  - Residents will work with our technicians in preparing the batch, checking oral syringes, and supervising sterile compounding.
  - Residents will assist our neonatologists for NICU TPNs, UA lines, and lipid emulsions.
  - Residents may also have the opportunity to work with our oncologists when reviewing, ordering, and preparing chemotherapy regimens.
- Duration: 3 + 4 weeks
- Preceptors: Drs. Corbin Toogood and Hermine Mkrtchyan



## Longitudinal Rotations:

- ❖ Pharmacy Operations
- ❖ Pharmacy Management
- ❖ Pharmacy Educational Services
- ❖ Project and Research Management

# Pharmacy Operations

- **Description:** Pharmacy Operations is a longitudinal learning experience designed to train residents on various Cerner applications and work towards becoming competent staffing pharmacists.
  - Residents will develop advanced practice skills in managing drug therapy for a variety of diseases, as well as build proficiency in communicating with physicians, nurses, and pharmacists.
  - Expose residents to several aspects of the pharmacy operations including: medication usage evaluations, target drug implementation, formulary management, JCAHO standards, disease state management guidelines, and quality improvement projects.
  - Over the course of the year, residents will gain experience working as staff pharmacists to evaluate and screen physician's orders, dispense medications, and provide clinical services per hospital policies and protocols in accordance with State and Federal Pharmacy Law.
- **Preceptors:** Drs. Avery Lew, Jeannie Kim and Keitaro Kawaguchi

**Residency  
Rotations:  
Longitudinal**

# Pharmacy Management

- Description: Pharmacy Management is designed to introduce residents to pharmacoeconomic principles, operations management, and strategic planning for the pharmacy department.
  - Residents will carry out management-focused projects under the guidance of the department director and other members of the leadership team. These projects include, but are not limited to: policy determination, medication safety, budget and expense planning, coordinating department meetings, implementing and refining services, and managing department employees.
  - Residents will also have the opportunity to attend hospital administrative meetings and present reports related to the aforementioned projects.
  - Residents will also be assigned a “Resident Responsibility” each quarter that will enhance the learning experience of this longitudinal rotation. Through these responsibilities, residents will be exposed to various management and leadership roles in pharmacy practice
- Preceptor: Dr. Sergey Sarkisoff

**Residency  
Rotations:  
Longitudinal**

# Pharmacy Educational Services

- Description: Pharmacy Educational Services is designed to offer residents the experience of providing drug information services in a health-system organization & offers a diverse array of opportunities to provide education throughout our hospital and improve clinical practice.
  - Residents will work closely with the Clinical Coordinator to develop and implement pharmacy policies and protocols.
  - Residents will have the opportunity to gain skills in the collection and dissemination of drug information both inter and intra-departmentally to provide and present drug information to hospital committees and staff.
  - Residents will also have the opportunity to earn a teaching certificate with one of our affiliated pharmacy schools (currently affiliated with West Coast University and Western University of Health Sciences).
- Preceptor: Dr. Delia Duenas-Hernandez

**Residency  
Rotations:  
Longitudinal**

# Project and Research Management

- **Description:** This rotation allows residents to explore original and innovative areas in pharmacy that will contribute to the department and the profession.
  - Residents will gain experience conducting a practice-related investigation using effective project management skills.
  - Residents will discuss potential areas of research with the Residency Director and Residency Program Coordinator during the orientation rotation. Residents will be assigned designated mentor pharmacists to assist in their research and ensure adherence to deadlines.
  - By May, residents must prepare an abstract and final presentation for the Western States Residency Conference. Residents will also complete a final manuscript intended for potential publication at the end of the residency year.
- **Preceptor:** Dr. Romic Eskandarian
- **Project preceptor:** To be assigned

**Residency  
Rotations:  
Longitudinal**



## Elective Rotations:

- ❖ **Advanced Critical Care**
- ❖ **Advanced Infectious Diseases**
- ❖ **Nephrology**
- ❖ **Oncology**
- ❖ **Cardiology**
- ❖ **Behavioral Medicine**
- ❖ **Customized Rotation**
- ❖ **Teaching Certificate\***

# Elective Rotation

- Choice of 2 Electives
- Description: Work alongside physicians in the area of interest
  - The purpose of our elective rotations is to provide residents with extensive training beyond the scope pharmacy
  - Residents will gain experience from a prescriber's perspective
  - Work closely with experts in the area of interest
  - Residents have the opportunity to customize their elective
- Duration: 2 + 2 weeks
- Physician and Pharmacy Preceptors varies based on rotation selected
- Teaching Certificate\* - Residents will work with one of our affiliated universities

Residency  
Rotations:  
Electives



# Residency Rotations - Outpatient -





## Core Rotations:

- ❖ **Orientation**
- ❖ **General Medicine (Family Practice)**
- ❖ **Transition of Care (Emergency Department, Discharge Pharmacy, Satellite Dispensing Pharmacy)**
- ❖ **Ambulatory Care (Anticoagulation Clinic)**
- ❖ **Collaborative Care Services\***
- ❖ **Refill Authorization\***
- ❖ **Pharmacy Business and Administration\***

# ❖ Collaborative Care Services

- Description: The collaborative care services is a 4 week rotation that focuses on collaborative practice agreement of therapy continuation and management between Adventist Health Glendale and Adventist Health Glendale Physicians Network. The collaboration is between Cardiologists, Endocrinologists, and Rheumatologists.
  - Residents will be trained on all the responsibilities of refill authorization pharmacist, including appropriateness of therapy, approval of continuation of therapy and change in medication management.
  - Residents will complete prior authorizations for medications for covered by patient's insurance.
  - Residents will assist physicians in choosing most appropriate and cost effective medication for the patient.
- Duration: 4 weeks
- Preceptors: Dr. Lusineh Keshishian

# ❖ Pharmacy Business and Administration

- Description: The collaborative care services is a 6 week rotation that focuses on providing the residents a valuable experience in the pharmacy administration services.
  - Residents will be trained on all the responsibilities of pharmacy administrative activities such as
    - PBM contracting
    - Responding to hospital wide or pharmacy specific surveys
    - Profitability and productivity analyses
    - CURES Reports
- Duration: 6 weeks
- Preceptors: Dr. Lusineh Keshishian

A group of people are playing beach volleyball on a sandy beach at dusk. The scene is captured in a blue-tinted, low-key lighting style. In the foreground, a person is seen from behind, jumping or running towards the net. To their left, another person is also visible. In the background, several other players are engaged in the game, with one person in the air. The ocean and sky are visible in the distance. The text "THANK YOU!" is overlaid in large, white, bold, sans-serif capital letters across the center of the image.

**THANK YOU!**